

## WEST Search History

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DATE: Monday, September 12, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L11	L10 not l8	1
<input type="checkbox"/>	L10	(ashwagandha or winter cherry or withania or somnifera) and withaferin\$4	13
<input type="checkbox"/>	L9	L8 not l4	8
<input type="checkbox"/>	L8	l5 and l6	12
<input type="checkbox"/>	L7	withanlidol or withanolidol	0
<input type="checkbox"/>	L6	withanlid\$4 or withanolid\$4	135
<input type="checkbox"/>	L5	(ashwagandha or winter cherry or withania or somnifera or lycium or datura or iochroma or physalis or tubocapsicum or solanum) and l2	14
<input type="checkbox"/>	L4	L3 and (hexane or defat\$4)	25
<input type="checkbox"/>	L3	L2 and extract\$4	71
<input type="checkbox"/>	L2	withaferin\$4 or dienolide	119
<input type="checkbox"/>	L1	withanlidal or withanolidal	0

END OF SEARCH HISTORY

=> index bioscience  
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:46:10 ON 12 SEP 2005

74 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s withanlidal or withanolidal  
49 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

L1 QUE WITHANLIDAL OR WITHANOLIDAL

=> s withanlidol or withanolidol  
26 FILES SEARCHED...  
72 FILES SEARCHED...

0 FILES HAVE ONE OR MORE ANSWERS, 74 FILES SEARCHED IN STNINDEX

L2 QUE WITHANLIDOL OR WITHANOLIDOL

=> file reg  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
4.72	4.93

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:50:53 ON 12 SEP 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 9 SEP 2005 HIGHEST RN 862877-54-1  
DICTIONARY FILE UPDATES: 9 SEP 2005 HIGHEST RN 862877-54-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s withanolidal/cn

L3 0 WITHANOLIDAL/CN

=> s withanlidal/cn

L4 0 WITHANLIDAL/CN

=> s withaferin A/cn

L5 1 WITHAFERIN A/CN

=> d

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 5119-48-2 REGISTRY

ED Entered STN: 16 Nov 1984

CN Ergosta-2,24-dien-26-oic acid, 5,6-epoxy-4,22,27-trihydroxy-1-oxo-,  
8-lactone, (4 $\beta$ ,5 $\beta$ ,6 $\beta$ ,22R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 5,6-Epoxy-5H-cyclopenta[a]phenanthrene, ergosta-2,24-dien-26-oic acid  
deriv.

CN 5 $\beta$ -Ergosta-2,24-dien-26-oic acid, 5,6 $\beta$ -epoxy-4 $\beta$ ,22,27-  
trihydroxy-1-oxo-, 8-lactone, (20S,22R)- (8CI)

CN Withaferin A (7CI)

OTHER NAMES:

CN NSC 101088

CN NSC 273757

CN Withaferine

CN Withaferine A

FS STEREOSEARCH

DR 22848-77-7, 5196-55-4, 47738-04-5

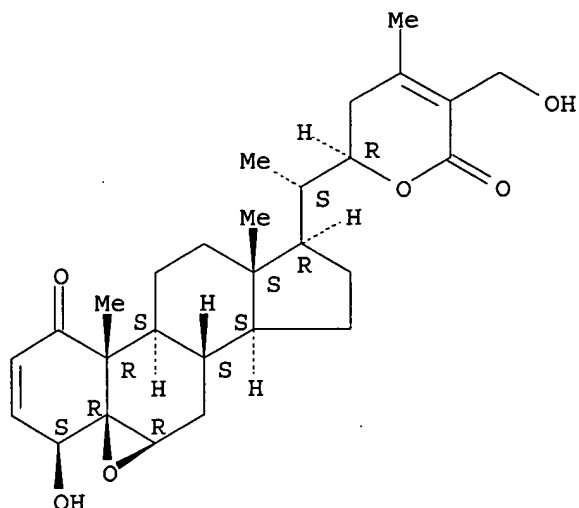
MF C28 H38 O6

CI COM

LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS,  
BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
DDFU, DRUGU, EMBASE, IPA, MEDLINE, MRCK\*, NAPRALERT, RTECS\*, SPECINFO,  
TOXCENTER, USPATFULL

(\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

131 REFERENCES IN FILE CA (1907 TO DATE)  
 6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 132 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus medline embase cancerlit  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
16.50	21.43

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 10:52:12 ON 12 SEP 2005  
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FILE 'MEDLINE' ENTERED AT 10:52:12 ON 12 SEP 2005

FILE 'EMBASE' ENTERED AT 10:52:12 ON 12 SEP 2005  
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FILE 'CANCERLIT' ENTERED AT 10:52:12 ON 12 SEP 2005.

=> s l5<chem>

#### SmartSELECT INITIATED

New TRANSFER and ANALYZE Commands Now Available  
 See HELP TRANSFER and HELP ANALYZE for Details

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.53	23.96

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:52:30 ON 12 SEP 2005  
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SET SMARTSELECT ON

SET COMMAND COMPLETED

SEL L5 1- CHEM

L6 SEL L5 1- CHEM : 9 TERMS

SET SMARTSELECT OFF

SET COMMAND COMPLETED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.93	34.89

FILE 'CAPLUS' ENTERED AT 10:52:31 ON 12 SEP 2005  
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FILE 'EMBASE' ENTERED AT 10:52:31 ON 12 SEP 2005  
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FILE 'CANCERLIT' ENTERED AT 10:52:31 ON 12 SEP 2005

S L6

L7 298 L6

=> s l7 and extract#### and hexane and partition####  
L8 0 L7 AND EXTRACT#### AND HEXANE AND PARTITION####

=> s l7 and extract#### and hexane  
L9 2 L7 AND EXTRACT#### AND HEXANE

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.30	77.04

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.46

CA SUBSCRIBER PRICE

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 10:56:36 ON 12 SEP 2005

74 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s l7 and extract####

SmartSELECT SEARCH IS NOT VALID IN 'STNINDEX'

SmartSELECT searching is not valid within an index environment.

=> file caplus medline embase cancerlit

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.59	77.63

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-1.46

CA SUBSCRIBER PRICE

FILE 'CAPLUS' ENTERED AT 10:57:05 ON 12 SEP 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'MEDLINE' ENTERED AT 10:57:05 ON 12 SEP 2005

FILE 'EMBASE' ENTERED AT 10:57:05 ON 12 SEP 2005

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FILE 'CANCERLIT' ENTERED AT 10:57:05 ON 12 SEP 2005

=> s l7 and extract####

QUERY PROCESSING INTERRUPTED

The system was temporarily unable to process your query. If this message appears repeatedly, please notify the Help Desk. Enter "HELP STN" for information on contacting the nearest STN Help Desk by telephone or via SEND in the STNMAIL file.

=> s l7 and extract####

QUERY PROCESSING INTERRUPTED

The system was temporarily unable to process your query. If this message appears repeatedly, please notify the Help Desk. Enter "HELP STN" for information on contacting the nearest STN Help Desk by telephone or via SEND in the STNMAIL file.

=> s l7

```
=> s withaferin and extract####  
L12          90 WITHAFERIN AND EXTRACT####
```

```
=> dup rem l12  
PROCESSING COMPLETED FOR L12  
L13          59 DUP REM L12 (31 DUPLICATES REMOVED)
```

```
=> s l13 and hexane  
L14          0 L13 AND HEXANE
```

```
=> s l13 and chloroform  
L15          1 L13 AND CHLOROFORM
```

=> file caplus medline embase cancerlit  
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.66	142.06

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
0.00	-2.19

CA SUBSCRIBER PRICE

FILE 'CAPLUS' ENTERED AT 11:05:33 ON 12 SEP 2005  
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FILE 'EMBASE' ENTERED AT 11:05:33 ON 12 SEP 2005  
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FILE 'CANCERLIT' ENTERED AT 11:05:33 ON 12 SEP 2005

=> s l5<chem>

#### SmartSELECT INITIATED

New TRANSFER and ANALYZE Commands Now Available  
See HELP TRANSFER and HELP ANALYZE for Details

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
2.53	144.59

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
0.00	-2.19

CA SUBSCRIBER PRICE

FILE 'REGISTRY' ENTERED AT 11:05:40 ON 12 SEP 2005  
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SET SMARTSELECT ON  
SET COMMAND COMPLETED

SEL L5 1- CHEM

L16            SEL L5 1- CHEM :            9 TERMS

SET SMARTSELECT OFF  
SET COMMAND COMPLETED

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
10.93	155.52

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
0.00	-2.19

CA SUBSCRIBER PRICE

FILE 'CAPLUS' ENTERED AT 11:05:41 ON 12 SEP 2005  
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FILE 'MEDLINE' ENTERED AT 11:05:41 ON 12 SEP 2005

FILE 'EMBASE' ENTERED AT 11:05:41 ON 12 SEP 2005  
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FILE 'CANCERLIT' ENTERED AT 11:05:41 ON 12 SEP 2005

S L16

L17            298 L16

=> s l17 and extract####

L18            94 L17 AND EXTRACT####

=> s l18 and (defat#### or chloroform or partition####)

L19            3 L18 AND (DEFAT#### OR CHLOROFORM OR PARTITION####)